

TABLE E0-1
USER SERVICE PLAN SUMMARY

PROBLEM/NEED	CANDIDATE ACTION	BUNDLE: USER SERVICES
limited financial resources	<ul style="list-style-type: none"> - proactive legislative/organizational change campaign for positive changes/promotion of technological advances - high capacity transmission systems through joint rights-of-way usage 	<ul style="list-style-type: none"> - Legislative/Organizational Changes Have No Direct Correlation - Communications Map Across All Bundles
congestion road closures no alternate routes	<ul style="list-style-type: none"> - automation of Eisenhower Tunnel area 3: 1 lane split operation - extension of Eisenhower Tunnel area 3: 1 lane split operation - upgraded ITS TOCs (Hanging Lake; Eisenhower) to establish regional traffic management and control - high occupancy and/or slow-moving vehicle lanes/ramps with automated entry/exit controls - remote video surveillance for improved monitoring and response - vehicular probes with 2-way communications links to regional TOCs - automatically selected/implemented regional incident/ congestion management plans for recurrent and non-recurrent events - automated surveillance/enforcement of peak period travel restrictions - toll collection systems for peak period travel at high-congestion location/times 	<ul style="list-style-type: none"> - Travel and Transportation Management: Traffic Control; Incident Management - Travel Demand Management: Demand Management and Operations - Electronic Payment: Electronic Payment Services
- inadequate communications systems	<ul style="list-style-type: none"> - upgrade voice/data communications - cellular reporting program - traffic message channels - upgrade computer equipment and VMS for automated message handling - develop data fusion algorithms for multiple applications 	<ul style="list-style-type: none"> - Travel-Transportation Management: En-Route Driver Information; Traveler Services Information; Incident Management - Travel Demand Management: Pre-Trip Travel Information; Demand Management and Operations - Emergency Management: Emergency Notification and Personal Security
<ul style="list-style-type: none"> - inefficient management of goods movements - commercial vehicle use of the corridor 	<ul style="list-style-type: none"> - automate Dumont/Downieville port of - upgrade Eisenhower Tunnel overheight vehicle detection systems - integrate I-70 surveillance/enforcement systems into multi-state one-stop shopping program 	<ul style="list-style-type: none"> - Commercial Vehicle Operations: Commercial Vehicle Electronic Clearance; Automated Roadside Safety Inspection; Commercial Vehicle Administrative Processes; Hazardous Materials Incident Response; Commercial Fleet Management
<ul style="list-style-type: none"> - limited confidence in state government services - lack of coordination/cooperation 	<ul style="list-style-type: none"> - educational program to "sell" ITS and its potential benefits - corridor-wide public acceptance program to inform local interests about ITS developments and actions - in-house programs to cross-train current staff in ITS operations and maintenance functions - extension of CDOT ITS Implementation Team to include other public and private sector organizations 	<ul style="list-style-type: none"> - Maps Across All Bundles